

24 pages total - mpm 10/26/05

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------|------------------|---------|------------------|
| S1 | 104 | amplifier same parametric\$6 with nonlinear and (optic\$6 with fiber) | US-PGPUB; USPAT | OR | ON | 2005/10/25 13:21 |
| S2 | 81 | amplifier with parametric\$6 with nonlinear and (optic\$6 with fiber) | US-PGPUB; USPAT | OR | ON | 2005/10/25 12:06 |
| S3 | 31 | amplifier with parametric\$6 with four with wave with mix\$4 and (optic\$6 with fiber) | US-PGPUB; USPAT | OR | ON | 2005/10/25 12:07 |
| S4 | 17 | S2 and S3 | US-PGPUB; USPAT | OR | ON | 2005/10/25 12:07 |
| S5 | 49 | amplifier same parametric\$6 with nonlinear and (optic\$6 with fiber) and idler | US-PGPUB; USPAT | OR | ON | 2005/10/25 13:31 |
| S6 | 164 | idler adj1 wavelength | US-PGPUB; USPAT | OR | ON | 2005/10/25 13:32 |
| S7 | 283 | idler adj1 (wavelength beam) | US-PGPUB; USPAT | OR | ON | 2005/10/25 13:36 |
| S8 | 16 | idler adj1 (wavelength beam) with defin\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 13:38 |
| S9 | 70 | idler adj1 (wavelength beam) with laser | US-PGPUB; USPAT | OR | ON | 2005/10/25 14:35 |
| S10 | 868 | saturation adj1 (amplif\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/25 14:37 |
| S11 | 126 | saturation adj1 (amplif\$6) and (optic\$6 with fiber) | US-PGPUB; USPAT | OR | ON | 2005/10/25 14:38 |
| S12 | 23 | saturation adj1 (amplif\$6) and "385"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/10/25 15:29 |
| S13 | 71 | fiber with parametric\$6 adj1 amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 15:01 |
| S14 | 29 | fiber with parametric\$6 adj1 amplif\$6 and idler | US-PGPUB; USPAT | OR | ON | 2005/10/25 15:01 |
| S15 | 0 | saturation adj1 (amplif\$6) with parametric | US-PGPUB; USPAT | OR | ON | 2005/10/25 15:30 |
| S16 | 0 | saturation adj1 (amplif\$6) with parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 15:32 |
| S17 | 0 | saturation adj1 (amplif\$6) same parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 15:41 |
| S18 | 0 | saturation adj1 (amplif\$6) with (four with wave with mix\$5) | US-PGPUB; USPAT | OR | ON | 2005/10/25 15:32 |
| S19 | 1 | saturation adj1 (amplif\$6) same (four with wave with mix\$5) | US-PGPUB; USPAT | OR | ON | 2005/10/25 15:34 |
| S20 | 0 | saturation adj1 (amplif\$6) same (high\$3 near2 nonlinear\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/25 15:35 |
| S21 | 23 | (HNLf (high\$3 with \$3linear with fiber)) with saturat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 15:49 |

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|-----|------|---|--------------------|----|-----|------------------|
| S22 | 1 | "20020176152" | US-PGPUB; USPAT | OR | ON | 2005/10/25 15:51 |
| S23 | 45 | second adj1 stage with amplifi\$6 with saturat\$6 and optic\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 15:58 |
| S24 | 11 | second adj1 stage with amplifi\$6 with saturat\$6 and optic\$6 and (HNLf (high\$3 with \$3linear with fiber) parametric\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/25 16:02 |
| S25 | 7 | second adj1 stage with amplifi\$6 with saturat\$6 and optic\$6 and (HNLf (high\$3 with (nonlinear\$6 (non adj1 linear\$6)) with fiber) parametric\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/25 16:54 |
| S26 | 1 | "5677786".pn. and (stage with (power\$6 amplifi\$6)) | US-PGPUB; USPAT | OR | ON | 2005/10/25 16:58 |
| S27 | 1 | "5677786".pn. and (saturat\$6 with (power\$6 amplifi\$6)) | US-PGPUB; USPAT | OR | ON | 2005/10/25 17:10 |
| S28 | 4 | laser and puls\$6 same (parametric\$6 with amplifi\$6) same saturat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 17:29 |
| S29 | 1 | "6813447".pn. and (saturat\$6 pump\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/25 17:30 |
| S30 | 1 | "6813447".pn. and (saturat\$6 pump\$6 wavelength\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/25 17:53 |
| S31 | 4027 | input adj1 (data signal) with pump\$3 | US-PGPUB; USPAT | OR | ON | 2005/10/25 17:54 |
| S32 | 1555 | input adj1 (data signal) with pump\$3 and (optic\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/25 17:57 |
| S33 | 1117 | input adj1 (data signal) with pump\$3 and (optic\$6 same amplifi\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/25 17:55 |
| S34 | 147 | input adj1 (data signal) with pump\$3 and (optic\$6) and parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 19:44 |
| S35 | 421 | (data signal) near1 pump\$3 and (optic\$6) and parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 19:45 |
| S36 | 41 | (data) near1 pump\$3 and (optic\$6) and parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 19:46 |
| S37 | 41 | S36 and S35 | US-PGPUB; USPAT | OR | ON | 2005/10/25 19:57 |
| S38 | 0 | EDFA with saturat\$6 with parametric\$6 with amplifi\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 19:57 |
| S39 | 0 | (Er erbium) near1 (dope\$2 dopa\$3 dopi\$3) with saturat\$6 with parametric\$6 with amplifi\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 19:59 |
| S40 | 3 | ("6501591").URPN. | USPAT | OR | OFF | 2005/10/25 21:19 |
| S41 | 0 | S36 and S40 | USPAT | OR | OFF | 2005/10/25 21:19 |

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|-----|-----|--|--------------------|----|-----|------------------|
| S42 | 0 | S37 and S40 | US-PGPUB; USPAT | OR | ON | 2005/10/25 21:19 |
| S43 | 1 | ("6897434").URPN. | USPAT | OR | OFF | 2005/10/25 21:23 |
| S44 | 0 | ("6701049").URPN. | USPAT | OR | OFF | 2005/10/25 21:24 |
| S45 | 18 | Yb with saturat\$6 with amplifi\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 21:36 |
| S46 | 177 | (CW continuous) with saturat\$6 with (amplifi\$6 laser) | US-PGPUB; USPAT | OR | ON | 2005/10/25 21:53 |
| S47 | 165 | (CW continuous) with saturat\$6 with (amplifi\$6 laser) not welch.in. | US-PGPUB; USPAT | OR | ON | 2005/10/25 21:38 |
| S48 | 164 | (CW continuous) with saturat\$6 with (amplifi\$6 laser) not welch.in. not dominic.in. | US-PGPUB; USPAT | OR | ON | 2005/10/25 21:38 |
| S49 | 114 | (CW continuous) with saturat\$6 with (amplifi\$6 laser) not welch.in. not dominic.in. and optic\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 21:40 |
| S50 | 88 | (CW continuous) with Yb and optic\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 21:41 |
| S51 | 4 | (CW continuous) with Yb same saturat\$6 and optic\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 21:47 |
| S52 | 1 | Yb adj1 Er with fiber with saturat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 21:54 |
| S53 | 179 | CW with saturat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 21:49 |
| S54 | 11 | CW with saturat\$6 and "385"/\$. ccls. | US-PGPUB; USPAT | OR | ON | 2005/10/25 21:49 |
| S55 | 3 | FWM with saturat\$6 with (amplifi\$6 laser) | US-PGPUB; USPAT | OR | ON | 2005/10/25 21:53 |
| S56 | 2 | Yb adj1 Er with parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/25 22:24 |
| S57 | 4 | amplifi\$6 with parametric\$6 with saturat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/26 09:28 |
| S58 | 0 | ((dispersion with shift\$6 with fiber) DSF) with saturat\$6 with amplifi\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/26 09:29 |
| S59 | 3 | parametric\$6 with gain with saturat\$6 and optic\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/26 09:37 |
| S60 | 1 | loop\$6 with mirror\$6 with gain with saturat\$6 and optic\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/26 09:32 |
| S61 | 3 | parametric\$6 with amplifi\$6 with saturat\$6 and optic\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/26 10:02 |
| S62 | 1 | "6665113".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/26 10:39 |
| S63 | 61 | limiting adj1 amplifi\$6 with saturat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/26 10:05 |

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|-----|-----|--|-----------------|----|----|------------------|
| S64 | 0 | limiting adj1 amplifi\$6 with saturat\$6 and ((dispersion with shift\$6 with fiber) DSF) | US-PGPUB; USPAT | OR | ON | 2005/10/26 11:38 |
| S65 | 1 | "5911015".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/26 10:49 |
| S66 | 0 | "5911015".pn. and (parametric\$6 with wave\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/26 10:49 |
| S67 | 0 | "5911015".pn. and (parametric\$6 same wave\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/26 10:50 |
| S68 | 0 | "5911015".pn. and (parametric\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/26 10:50 |
| S69 | 1 | "5911015".pn. and (NOLM\$6 same wave\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/26 15:08 |
| S70 | 5 | bit adj1 train with NRZ | US-PGPUB; USPAT | OR | ON | 2005/10/26 10:52 |
| S71 | 495 | conventional\$6 with NRZ | US-PGPUB; USPAT | OR | ON | 2005/10/26 10:53 |
| S72 | 78 | conventional\$6 with NRZ with RZ | US-PGPUB; USPAT | OR | ON | 2005/10/26 11:08 |
| S73 | 9 | NOLM with zero with dispersion | US-PGPUB; USPAT | OR | ON | 2005/10/26 11:10 |
| S74 | 1 | NOLM with parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/26 11:18 |
| S75 | 8 | loop near2 mirror with parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/26 11:41 |
| S76 | 79 | amplifi\$6 with saturat\$6 with SOA | US-PGPUB; USPAT | OR | ON | 2005/10/26 11:38 |
| S77 | 1 | loop near2 mirror with ((photonic\$6 adj1 crystal\$6) PCF) | US-PGPUB; USPAT | OR | ON | 2005/10/26 11:43 |
| S78 | 0 | loop near2 mirror with ((photonic\$6 adj1 band\$6) PCF) | US-PGPUB; USPAT | OR | ON | 2005/10/26 11:43 |
| S79 | 0 | loop near2 mirror with ((photonic\$6 adj1 gap\$6) PCF) | US-PGPUB; USPAT | OR | ON | 2005/10/26 11:43 |
| S80 | 0 | loop near2 mirror with ((photonic\$6 with gap\$6) PCF) | US-PGPUB; USPAT | OR | ON | 2005/10/26 11:46 |
| S81 | 0 | loop near2 mirror with ((photonic\$6 with gap\$6) PBG) | US-PGPUB; USPAT | OR | ON | 2005/10/26 15:03 |
| S82 | 0 | NLOM with ((photonic\$6 with gap\$6) PBG) | US-PGPUB; USPAT | OR | ON | 2005/10/26 11:46 |
| S83 | 0 | SLALOM with ((photonic\$6 with gap\$6) PBG) | US-PGPUB; USPAT | OR | ON | 2005/10/26 11:46 |
| S84 | 0 | NLOLM with ((photonic\$6 with gap\$6) PBG) | US-PGPUB; USPAT | OR | ON | 2005/10/26 12:48 |
| S85 | 3 | CW with independent with polariz\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/26 12:55 |

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|----------|-----|--|--------------------|----|----|------------------|
| S86 | 374 | ring with laser with linear | US-PGPUB; USPAT | OR | ON | 2005/10/26 12:55 |
| S87 | 169 | ring adj1 laser with linear | US-PGPUB; USPAT | OR | ON | 2005/10/26 12:55 |
| S88 | 4 | ((loop near2 mirror) NOLM NLOM) with (polariz\$6 with align\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/26 15:04 |
| S89 | 1 | "5911015".pn. and (polariz\$6 same control\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/26 15:25 |
| S90 | 1 | "5911015".pn. and (recover\$6 same clock\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/26 15:27 |
| S91 | 1 | "5911015".pn. and (recover\$6 same clock\$6) and (kerr with modulat\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/26 16:00 |
| S92 | 1 | "5911015".pn. and (recover\$6 same clock\$6) and (kerr with modulat\$6) and (phas\$6 with modulat\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/26 16:57 |
| S93 | 374 | nonlinear\$6 with fiber with crystal\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/26 16:58 |
| S94 | 371 | nonlinear\$6 with fiber with crystal\$6 and (optic\$6 with fiber) | US-PGPUB; USPAT | OR | ON | 2005/10/26 16:58 |
| S95 | 96 | nonlinear\$6 with fiber with crystal\$6 and (parametric\$6 (loop with mirror)) | US-PGPUB; USPAT | OR | ON | 2005/10/26 17:00 |
| S96 | 14 | nonlinear\$6 with fiber with crystal\$6 and ((loop with mirror)) | US-PGPUB; USPAT | OR | ON | 2005/10/26 17:36 |
| S97 | 13 | nonlinear\$6 with fiber with crystal\$6 and ((loop with mirror)) and amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/26 17:07 |
| S98 | 0 | nonlinear\$6 with fiber with crystal\$6 same ((loop with mirror)) | US-PGPUB; USPAT | OR | ON | 2005/10/26 17:12 |
| S99 | 10 | nonlinear\$6 with fiber with crystal\$6 and ((loop with mirror)) and polariz\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/26 17:39 |
| S10 0 | 8 | nonlinear\$6 with fiber with crystal\$6 and ((loop with mirror)) and polariz\$6 and CW | US-PGPUB; USPAT | OR | ON | 2005/10/26 17:39 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|------------------------------|------------------|---------|------------------|
| S1 | 1 | "20010053165" | US-PGPUB; USPAT | OR | ON | 2005/10/08 12:16 |
| S2 | 4812 | semiconduct\$6 with optic\$6 with amplifier | US-PGPUB; USPAT | OR | ON | 2005/10/15 14:33 |
| S3 | 1206 | semiconduct\$6 with optic\$6 with amplifier and "2003" | US-PGPUB; USPAT | OR | ON | 2005/06/23 17:52 |
| S4 | 746 | semiconduct\$6 with optic\$6 with amplifier and "2004" | US-PGPUB; USPAT | OR | ON | 2005/06/23 17:52 |
| S5 | 274 | (semiconduct\$6 with optic\$6 with amplifier) and ((return with to with zero) NRZ) | US-PGPUB; USPAT | OR | ON | 2005/06/23 18:03 |
| S6 | 5 | ("2001/0053165").URPN. | USPAT | OR | OFF | 2005/06/23 21:12 |
| S7 | 2 | ("2001/0053165").URPN. and amplif\$6 and dispers\$6 | US-PGPUB; USPAT | OR | ON | 2005/06/23 21:14 |
| S8 | 1 | ("2001/0053165").URPN. and amplif\$6 and dispers\$6 and ((return with to with zero) NRZ) | US-PGPUB; USPAT | OR | ON | 2005/06/23 21:14 |
| S9 | 1 | ("6721081").URPN. | USPAT | OR | OFF | 2005/06/23 21:25 |
| S10 | 0 | ("6809849").URPN. | USPAT | OR | OFF | 2005/06/23 21:25 |
| S11 | 1 | ("6721081").URPN. and amplif\$6 and dispers\$6 and ((return with to with zero) NRZ) | USPAT | OR | OFF | 2005/06/23 21:26 |
| S12 | 15 | semiconductor with optical with amplifier with limiting | US-PGPUB; USPAT | OR | ON | 2005/10/08 14:28 |
| S13 | 9 | "3566128".pn. "5828478".pn. "5933265".pn. "6078416".pn. "6108125".pn. "6141129".pn. "6201621".pn. "6335819".pn. "6437320".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/08 13:45 |
| S14 | 8 | ("6335819").URPN. | USPAT | OR | OFF | 2005/10/08 13:34 |
| S15 | 101 | circulat\$6 with limit\$6 with (amplif\$6 EDFA) | US-PGPUB; USPAT | OR | ON | 2005/10/08 13:34 |
| S16 | 20 | circulat\$6 near2 limit\$6 with (amplif\$6 EDFA) | US-PGPUB; USPAT | OR | ON | 2005/10/08 13:35 |
| S17 | 5 | ("6201621").URPN. | USPAT | OR | OFF | 2005/10/08 13:43 |
| S18 | 6 | ("5457559" "6097529" "6201621" "6282007" "6373608" "6532091").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/08 13:56 |
| S19 | 1 | "6718142".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/08 13:45 |
| S20 | 448 | NRZ and RZ same input\$6 and optic\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/08 17:23 |
| S21 | 448 | NRZ and RZ same input\$6 and optic\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/08 14:01 |

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|-----|------|---|--------------------|----|----|------------------|
| S22 | 27 | S21 and 398/183.ccls. | US-PGPUB; USPAT | OR | ON | 2005/10/08 14:07 |
| S23 | 1003 | mullen.xp. | US-PGPUB; USPAT | OR | ON | 2005/10/08 14:07 |
| S24 | 1003 | mullen.xp. with Thomas | US-PGPUB; USPAT | OR | ON | 2005/10/08 14:07 |
| S25 | 39 | mullen.xp. with Thomas and ("2003" "2004" "2005") | US-PGPUB; USPAT | OR | ON | 2005/10/08 14:08 |
| S26 | 0 | semiconductor with optical with amplifier with limiting with parametr\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/08 14:28 |
| S27 | 34 | semiconductor with optical with amplifier with parametr\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/08 15:48 |
| S28 | 0 | RZ with wdm with er | US-PGPUB; USPAT | OR | ON | 2005/10/08 15:48 |
| S29 | 0 | RZ same wdm same er | US-PGPUB; USPAT | OR | ON | 2005/10/08 15:48 |
| S30 | 24 | RZ same er | US-PGPUB; USPAT | OR | ON | 2005/10/08 17:23 |
| S31 | 679 | ((continuous\$4 adj1 wave) CW) with (light adj1 (signal\$4 source)) with puls\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/08 17:25 |
| S32 | 95 | S31 and ("385"/\$.ccls. "398"/\$. ccls.) | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:17 |
| S33 | 19 | parametric\$6 with self\$6 with modulat\$6 with phase | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:26 |
| S34 | 0 | gain\$6 adj1 saturat\$6 with parametric\$6 with amplifi\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:30 |
| S35 | 1 | gain\$6 with saturat\$6 with parametric\$6 with amplifi\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:28 |
| S36 | 0 | parametric\$6 with exponential\$6 adj1 amplifi\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:31 |
| S37 | 7 | parametric\$6 with exponential\$6 with amplifi\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/10 12:08 |
| S38 | 187 | gain near1 amplifi\$6 and parametric\$6 near1 amplifi\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:38 |
| S39 | 107 | gain near1 amplifi\$6 and parametric\$6 near1 amplifi\$6 and (optic\$6 with fiber) | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:39 |
| S40 | 42 | gain near1 amplifi\$6 same parametric\$6 near1 amplifi\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:39 |
| S41 | 18 | gain near1 amplifi\$6 same parametric\$6 near1 amplifi\$6 and (optic\$6 with fiber) | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:40 |

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|-----|-----|--|-----------------|----|-----|------------------|
| S42 | 4 | gain near1 saturat\$6 same parametric\$6 near1 amplifi\$6 and (optic\$6 with fiber) | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:42 |
| S43 | 5 | (exponential\$6 with amplifi\$6) with ((semiconduct\$6 with optic\$6 with amplifier) SOA) | US-PGPUB; USPAT | OR | ON | 2005/10/10 13:31 |
| S44 | 2 | ("6456424").URPN. | USPAT | OR | OFF | 2005/10/10 13:06 |
| S45 | 0 | ("6856450").URPN. | USPAT | OR | OFF | 2005/10/10 13:08 |
| S46 | 37 | (parametric\$6) with ((semiconduct\$6 with optic\$6 with amplifier) SOA) | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:09 |
| S47 | 1 | ("6665113").URPN. | USPAT | OR | OFF | 2005/10/10 14:23 |
| S48 | 8 | (parametric\$6) with loop\$6 with mirror | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:00 |
| S49 | 1 | "6501591".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:00 |
| S50 | 3 | ("6501591").URPN. | USPAT | OR | OFF | 2005/10/11 11:02 |
| S51 | 2 | mooney.xa. and loop with mirror | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:45 |
| S52 | 85 | ((loop with mirror) NLOLM NOLM) with ((semiconduct\$6 with optic\$6 with amplifier) SOA) | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:10 |
| S53 | 4 | ((loop with mirror) NLOLM NOLM) with ((semiconduct\$6 with optic\$6 with amplifier) SOA) and parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:28 |
| S54 | 122 | ((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) with ((semiconduct\$6 with optic\$6 with amplifier) SOA) | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:18 |
| S55 | 148 | ((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:04 |
| S56 | 82 | ((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and ((continu\$6 with wave\$6) CW) | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:19 |
| S57 | 23 | ((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and ((continu\$6 with wave\$6) CW) and (NRZ RZ) | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:43 |

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| S58 | 4 | ((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and ((continu\$6 with wave\$6) CW) and (NRZ RZ) and (saturat\$6 with amplif\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:55 |
| S59 | 0 | ((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and ((continu\$6 with wave\$6) CW) and (NRZ RZ) and (unsaturat\$6 with amplif\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:44 |
| S60 | 1 | "20020044723" and saturable with absorption with device | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:55 |
| S61 | 0 | ((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and (parametric\$6 with absorb\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:05 |
| S62 | 1 | ((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and (parametric\$6 same absorb\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:05 |
| S63 | 10 | erbium with fiber with ring with laser and parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:18 |
| S64 | 0 | erbium with fiber with ring with laser same parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:18 |
| S65 | 2 | ((loop with mirror) NLOLM NOLM) with ((semiconduct\$6 with optic\$6 with amplifier) SOA) and parametric\$6 and saturat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:28 |
| S66 | 185 | SOA with EDFA | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:50 |
| S67 | 1 | "6462860".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/11 13:40 |
| S68 | 13 | (bigo.in. lelcerc.in. desurvire.in.) and (loop with mirror) | US-PGPUB; USPAT | OR | ON | 2005/10/11 13:58 |
| S69 | 0 | ("6441939").URPN. | USPAT | OR | OFF | 2005/10/11 13:43 |
| S70 | 0 | ("6441939").URPN. | USPAT | OR | OFF | 2005/10/11 13:46 |
| S71 | 0 | ("6441939").URPN. | USPAT | OR | OFF | 2005/10/11 13:47 |
| S72 | 4 | ("6239893").URPN. | USPAT | OR | OFF | 2005/10/11 13:49 |
| S73 | 0 | ("6671426").URPN. | USPAT | OR | OFF | 2005/10/11 13:54 |
| S74 | 0 | ("6568597").URPN. | USPAT | OR | OFF | 2005/10/11 13:55 |
| S75 | 5 | ("6201621").URPN. | USPAT | OR | OFF | 2005/10/11 13:57 |

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|-----|------|---|-----------------|----|-----|------------------|
| S76 | 0 | ("6950612").URPN. | USPAT | OR | OFF | 2005/10/11 13:56 |
| S77 | 0 | ("6201621").URPN. and parametric\$6 | USPAT | OR | ON | 2005/10/11 13:57 |
| S78 | 0 | (bigo.in. lelcerc.in. desurvire.in.) and (loop with mirror) and parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/11 13:58 |
| S79 | 1 | ("6160650").URPN. | USPAT | OR | OFF | 2005/10/11 14:00 |
| S80 | 1 | ("6341022").URPN. | USPAT | OR | OFF | 2005/10/11 14:15 |
| S81 | 5578 | clock with input with (signal data) and optic\$6 with fiber | US-PGPUB; USPAT | OR | ON | 2005/10/11 14:17 |
| S82 | 3327 | clock with input with (data) and optic\$6 with fiber | US-PGPUB; USPAT | OR | ON | 2005/10/11 14:16 |
| S83 | 959 | clock with input adj1 (data) and optic\$6 with fiber | US-PGPUB; USPAT | OR | ON | 2005/10/11 14:17 |
| S84 | 294 | clock with input adj1 (data) and optic\$6 with fiber and ("2003" "2004" "2005") | US-PGPUB; USPAT | OR | ON | 2005/10/11 14:17 |
| S85 | 713 | clock with input with (signal data) and ("385"/\$.ccls. "359"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:11 |
| S86 | 181 | clock with input with (signal data) and ("385"/\$.ccls. "359"/\$.ccls.) and ("2003" "2004" "2005") | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:11 |
| S87 | 312 | clock with input with (data) and ("385"/\$.ccls. "359"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:12 |
| S88 | 92 | clock with input with (data) and ("385"/\$.ccls. "359"/\$.ccls.) and ("2003" "2004" "2005") | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:20 |
| S89 | 22 | gain with clamp\$5 with saturat\$6 with SOA | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:39 |
| S90 | 1 | "6501591".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:52 |
| S91 | 174 | DSF with amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:42 |
| S92 | 117 | DSF with amplif\$6 and ("385"/\$.ccls. "359"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:45 |
| S93 | 1 | DSF with amplif\$6 and ("385"/\$.ccls. "359"/\$.ccls.) and (DSF with (saturat\$6 unsaturat\$6)) | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:46 |
| S94 | 0 | DSF with amplif\$6 and ("385"/\$.ccls. "359"/\$.ccls.) and ((dispers\$6 with shift\$5 with fiber) with (saturat\$6 unsaturat\$6)) | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:47 |
| S95 | 1 | ((dispers\$6 with shift\$5 with fiber) with (saturat\$6 unsaturat\$6)) | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:48 |
| S96 | 1 | "6501591".pn. and (continu\$6 CW) | US-PGPUB; USPAT | OR | ON | 2005/10/11 16:04 |

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|----------|----|--|------------------------------|----|-----|------------------|
| S97 | 38 | Kumar.in. and "1136" | US-PGPUB; USPAT | OR | ON | 2005/10/11 16:04 |
| S98 | 3 | ("6501591").URPN. | USPAT | OR | OFF | 2005/10/11 16:21 |
| S99 | 2 | ("6501591").URPN. and (continu\$6 CW) | USPAT | OR | OFF | 2005/10/11 16:21 |
| S10 0 | 0 | ("6897434").URPN. | USPAT | OR | OFF | 2005/10/11 16:29 |
| S10 1 | 0 | ("6701049").URPN. | USPAT | OR | OFF | 2005/10/12 09:46 |
| S10 2 | 1 | "20020176152" | US-PGPUB; USPAT | OR | ON | 2005/10/12 09:48 |
| S10 3 | 1 | "20020176152" and "40" same saturat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 09:48 |
| S10 4 | 0 | "20020176152" and "40" same unsaturat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 09:48 |
| S10 5 | 2 | ("2002/0176152").URPN. | USPAT | OR | OFF | 2005/10/12 09:51 |
| S10 6 | 2 | ("2002/0176152").URPN. and (parametr\$6 saturat\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/12 09:52 |
| S10 7 | 0 | ("6867903").URPN. | USPAT | OR | OFF | 2005/10/12 09:57 |
| S10 8 | 3 | ("20020176152" "5619368" "6487004").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/12 09:57 |
| S10 9 | 1 | ("6487004").URPN. | USPAT | OR | OFF | 2005/10/12 09:58 |
| S11 0 | 20 | ("5619368").URPN. | USPAT | OR | OFF | 2005/10/12 10:06 |
| S11 1 | 0 | "6952309".pn. and saturat\$6 | USPAT | OR | ON | 2005/10/12 10:05 |
| S11 2 | 7 | ("5619368").URPN. and saturat\$6 | USPAT | OR | OFF | 2005/10/12 10:06 |
| S11 3 | 9 | ("6347174").URPN. | USPAT | OR | OFF | 2005/10/12 10:41 |
| S11 4 | 4 | ("6661958").URPN. | USPAT | OR | OFF | 2005/10/12 10:43 |
| S11 5 | 12 | ("20030123826" "20030133678" "20040033041" "5838867" "6181858" "6415089" "6470126" "6546177" "6591048" "6614976" "6658190" "6661958").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/12 10:46 |
| S11 6 | 1 | ("6856744").URPN. | USPAT | OR | OFF | 2005/10/12 10:46 |
| S11 7 | 1 | ("6621619").URPN. | USPAT | OR | OFF | 2005/10/12 10:48 |

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|----------|----|--|--------------------|----|-----|------------------|
| S11 8 | 7 | ("6470126").URPN. | USPAT | OR | OFF | 2005/10/12 10:50 |
| S11 9 | 0 | ("6859599").URPN. | USPAT | OR | OFF | 2005/10/12 10:51 |
| S12 0 | 1 | ("6763168").URPN. | USPAT | OR | OFF | 2005/10/12 10:54 |
| S12 1 | 2 | ("6317252").URPN. | USPAT | OR | OFF | 2005/10/12 10:55 |
| S12 2 | 7 | ("6259552").URPN. | USPAT | OR | OFF | 2005/10/12 11:07 |
| S12 3 | 1 | "5911015".pn. | USPAT | OR | OFF | 2005/10/12 12:09 |
| S12 4 | 8 | "in-line" adj1 amplif\$6 with saturat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 11:10 |
| S12 5 | 8 | "in-line" adj1 amplif\$6 with saturat\$6 and optic\$6 with fiber | US-PGPUB; USPAT | OR | ON | 2005/10/12 11:10 |
| S12 6 | 2 | ("6671466").URPN. | USPAT | OR | OFF | 2005/10/12 11:44 |
| S12 7 | 8 | (NOLM (loop with mirror)) with parametric | US-PGPUB; USPAT | OR | ON | 2005/10/12 11:48 |
| S12 8 | 1 | "5911015".pn. and (contin\$6 CW) | USPAT | OR | OFF | 2005/10/12 12:09 |
| S12 9 | 1 | "5911015".pn. and (contin\$6 CW) | USPAT | OR | ON | 2005/10/12 12:50 |
| S13 0 | 29 | kumar.in. and agrawal.in. | US-PGPUB; USPAT | OR | ON | 2005/10/12 12:58 |
| S13 1 | 0 | kumar.in. and (agrawal.in. agarawal.in.) and wang.in. and su.in. | US-PGPUB; USPAT | OR | ON | 2005/10/12 12:52 |
| S13 2 | 0 | kumar.in. and (agrawal.in. agarawal.in.) and wang.in. | US-PGPUB; USPAT | OR | ON | 2005/10/12 12:52 |
| S13 3 | 29 | kumar.in. and (agrawal.in. agarawal.in.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 12:52 |
| S13 4 | 0 | kumar.in. and FWM and ASE and PM and PMD | US-PGPUB; USPAT | OR | ON | 2005/10/12 12:59 |
| S13 5 | 0 | kumar.in. and FWM and ASE | US-PGPUB; USPAT | OR | ON | 2005/10/12 12:59 |
| S13 6 | 6 | kumar.in. and FWM | US-PGPUB; USPAT | OR | ON | 2005/10/12 13:39 |
| S13 7 | 52 | (regenerat\$6 with (bit with rate (BER))) and (regenerat\$6 same (NRZ RZ)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:24 |
| S13 8 | 85 | SOA with saturat\$6 with amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:32 |
| S13 9 | 0 | AMZI with parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:33 |

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|----------|----|---|--------------------|----|-----|------------------|
| S14 0 | 0 | MZI with parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:33 |
| S14 1 | 9 | Mach with Zehnder with parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:31 |
| S14 2 | 1 | "6867903".pn. and parametric\$6 same amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:39 |
| S14 3 | 0 | "6636318".pn. and parametric\$6 same amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:39 |
| S14 4 | 0 | "6636318".pn. and parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:43 |
| S14 5 | 0 | "6636318".pn. and saturat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:42 |
| S14 6 | 0 | "6636318".pn. and satura\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:42 |
| S14 7 | 0 | "6636318".pn. and parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:43 |
| S14 8 | 1 | ("6636318").URPN. | USPAT | OR | OFF | 2005/10/12 16:34 |
| S14 9 | 0 | MZI with limit\$6 near2 amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:35 |
| S15 0 | 0 | \$2MZI with limit\$6 near2 amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:35 |
| S15 1 | 0 | ("6943925").URPN. | USPAT | OR | OFF | 2005/10/12 16:46 |
| S15 2 | 3 | ("6614582").URPN. | USPAT | OR | OFF | 2005/10/12 18:46 |
| S15 3 | 48 | ((high\$4 with nonlinear\$4) HNL) with ((dispersion with fiber) DSF) with amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:33 |
| S15 4 | 1 | "6813447".pn. and idl\$6 with wave\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:36 |
| S15 5 | 1 | "6813447".pn. and idl\$6 with wave\$6 and cavit\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:37 |
| S15 6 | 1 | "6813447".pn. and idl\$6 with wave\$6 and cavit\$6 and (ring\$4 with laser) | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:44 |
| S15 7 | 0 | "6813447".pn. and idl\$6 with wave\$6 and cavit\$6 and (ring\$4 with laser) and nrz | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:44 |
| S15 8 | 1 | "6813447".pn. and idl\$6 with wave\$6 and cavit\$6 and (ring\$4 with laser) and rz | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:46 |
| S15 9 | 0 | "6813447".urpn. | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:46 |
| S16 0 | 1 | "20020176152" | US-PGPUB; USPAT | OR | ON | 2005/10/12 18:46 |

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|----------|----|--|--------------------|----|----|------------------|
| S16 1 | 1 | "20020176152" and nrz | US-PGPUB; USPAT | OR | ON | 2005/10/12 18:49 |
| S16 2 | 1 | "20020176152" and nrz and (saturat\$6 unsaturat\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/12 18:50 |
| S16 3 | 0 | "20020176152" and nrz and (saturat\$6 unsaturat\$6) and parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 18:51 |
| S16 4 | 1 | "20020176152" and nrz and (saturat\$6 unsaturat\$6) and paramet\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 18:53 |
| S16 5 | 1 | "20020176152" and nrz and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 18:54 |
| S16 6 | 0 | "20020176152" and (nrz same input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 18:55 |
| S16 7 | 1 | "20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 19:06 |
| S16 8 | 1 | "20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same (slalom\$6 soa) | US-PGPUB; USPAT | OR | ON | 2005/10/12 19:12 |
| S16 9 | 1 | "20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same (slalom\$6 soa) and SMZ | US-PGPUB; USPAT | OR | ON | 2005/10/12 19:23 |
| S17 0 | 1 | "20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same (slalom\$6 soa) and SMZ and regenerat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 14:30 |
| S17 1 | 1 | "20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same (slalom\$6 soa) and SMZ and regenerat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 14:42 |
| S17 2 | 69 | semiconduct\$6 with optic\$6 with amplifier and parametric\$6 with nonlinear | US-PGPUB; USPAT | OR | ON | 2005/10/15 15:00 |
| S17 3 | 0 | slalom with parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 14:35 |
| S17 4 | 0 | slalom same parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 14:35 |

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| S17 5 | 8 | ((loop with mirror) NLOLM NOLM) with parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 14:37 |
| S17 6 | 1 | "20020176152" and "30" with \$6linear | US-PGPUB; USPAT | OR | ON | 2005/10/15 14:51 |
| S17 7 | 1 | "20020176152" and "30" same \$6linear | US-PGPUB; USPAT | OR | ON | 2005/10/15 14:50 |
| S17 8 | 4 | exponent\$6 with amplif\$6 with parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 14:46 |
| S17 9 | 0 | "20020176152" and exponent\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 14:50 |
| S18 0 | 1 | "20020176152" and "30" with amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 14:52 |
| S18 1 | 498 | amplifier and parametric\$6 with nonlinear | US-PGPUB; USPAT | OR | ON | 2005/10/15 15:01 |
| S18 2 | 234 | amplifier and parametric\$6 with nonlinear and (optic\$6 with fiber) | US-PGPUB; USPAT | OR | ON | 2005/10/15 15:13 |
| S18 3 | 103 | amplifier same parametric\$6 with nonlinear and (optic\$6 with fiber) | US-PGPUB; USPAT | OR | ON | 2005/10/15 15:17 |
| S18 4 | 9 | SOA with crystal\$6 with nonlinear\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 15:17 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|------------------------|------------------|---------|------------------|
| S1 | 1 | "20010053165" | US-PGPUB; USPAT | OR | ON | 2005/10/08 12:16 |
| S2 | 4812 | semiconduct\$6 with optic\$6 with amplifier | US-PGPUB; USPAT | OR | ON | 2005/10/10 12:09 |
| S3 | 1206 | semiconduct\$6 with optic\$6 with amplifier and "2003" | US-PGPUB; USPAT | OR | ON | 2005/06/23 17:52 |
| S4 | 746 | semiconduct\$6 with optic\$6 with amplifier and "2004" | US-PGPUB; USPAT | OR | ON | 2005/06/23 17:52 |
| S5 | 274 | (semiconduct\$6 with optic\$6 with amplifier) and ((return with to with zero) NRZ) | US-PGPUB; USPAT | OR | ON | 2005/06/23 18:03 |
| S6 | 5 | ("2001/0053165").URPN. | USPAT | OR | OFF | 2005/06/23 21:12 |
| S7 | 2 | ("2001/0053165").URPN. and amplif\$6 and dispers\$6 | US-PGPUB; USPAT | OR | ON | 2005/06/23 21:14 |
| S8 | 1 | ("2001/0053165").URPN. and amplif\$6 and dispers\$6 and ((return with to with zero) NRZ) | US-PGPUB; USPAT | OR | ON | 2005/06/23 21:14 |
| S9 | 1 | ("6721081").URPN. | USPAT | OR | OFF | 2005/06/23 21:25 |
| S10 | 0 | ("6809849").URPN. | USPAT | OR | OFF | 2005/06/23 21:25 |
| S11 | 1 | ("6721081").URPN. and amplif\$6 and dispers\$6 and ((return with to with zero) NRZ) | USPAT | OR | OFF | 2005/06/23 21:26 |
| S12 | 15 | semiconductor with optical with amplifier with limiting | US-PGPUB; USPAT | OR | ON | 2005/10/08 14:28 |
| S13 | 9 | "3566128".pn. "5828478".pn. "5933265".pn. "6078416".pn. "6108125".pn. "6141129".pn. "6201621".pn. "6335819".pn. "6437320".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/08 13:45 |
| S14 | 8 | ("6335819").URPN. | USPAT | OR | OFF | 2005/10/08 13:34 |
| S15 | 101 | circulat\$6 with limit\$6 with (amplif\$6 EDFA) | US-PGPUB; USPAT | OR | ON | 2005/10/08 13:34 |
| S16 | 20 | circulat\$6 near2 limit\$6 with (amplif\$6 EDFA) | US-PGPUB; USPAT | OR | ON | 2005/10/08 13:35 |
| S17 | 5 | ("6201621").URPN. | USPAT | OR | OFF | 2005/10/08 13:43 |
| S18 | 6 | ("5457559" "6097529" "6201621" "6282007" "6373608" "6532091").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/08 13:56 |
| S19 | 1 | "6718142".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/08 13:45 |
| S20 | 448 | NRZ and RZ same input\$6 and optic\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/08 17:23 |
| S21 | 448 | NRZ and RZ same input\$6 and optic\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/08 14:01 |

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| S22 | 27 | S21 and 398/183.ccls. | US-PGPUB; USPAT | OR | ON | 2005/10/08 14:07 |
| S23 | 1003 | mullen.xp. | US-PGPUB; USPAT | OR | ON | 2005/10/08 14:07 |
| S24 | 1003 | mullen.xp. with Thomas | US-PGPUB; USPAT | OR | ON | 2005/10/08 14:07 |
| S25 | 39 | mullen.xp. with Thomas and ("2003" "2004" "2005") | US-PGPUB; USPAT | OR | ON | 2005/10/08 14:08 |
| S26 | 0 | semiconductor with optical with amplifier with limiting with parametr\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/08 14:28 |
| S27 | 34 | semiconductor with optical with amplifier with parametr\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/08 15:48 |
| S28 | 0 | RZ with wdm with er | US-PGPUB; USPAT | OR | ON | 2005/10/08 15:48 |
| S29 | 0 | RZ same wdm same er | US-PGPUB; USPAT | OR | ON | 2005/10/08 15:48 |
| S30 | 24 | RZ same er | US-PGPUB; USPAT | OR | ON | 2005/10/08 17:23 |
| S31 | 679 | ((continuous\$4 adj1 wave) CW) with (light adj1 (signal\$4 source)) with puls\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/08 17:25 |
| S32 | 95 | S31 and ("385"/\$.ccls. "398"/\$. ccls.) | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:17 |
| S33 | 19 | parametric\$6 with self\$6 with modulat\$6 with phase | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:26 |
| S34 | 0 | gain\$6 adj1 saturat\$6 with parametric\$6 with amplifi\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:30 |
| S35 | 1 | gain\$6 with saturat\$6 with parametric\$6 with amplifi\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:28 |
| S36 | 0 | parametric\$6 with exponential\$6 adj1 amplifi\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:31 |
| S37 | 7 | parametric\$6 with exponential\$6 with amplifi\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/10 12:08 |
| S38 | 187 | gain near1 amplifi\$6 and parametric\$6 near1 amplifi\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:38 |
| S39 | 107 | gain near1 amplifi\$6 and parametric\$6 near1 amplifi\$6 and (optic\$6 with fiber) | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:39 |
| S40 | 42 | gain near1 amplifi\$6 same parametric\$6 near1 amplifi\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:39 |
| S41 | 18 | gain near1 amplifi\$6 same parametric\$6 near1 amplifi\$6 and (optic\$6 with fiber) | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:40 |

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| S42 | 4 | gain near1 saturat\$6 same parametric\$6 near1 amplifi\$6 and (optic\$6 with fiber) | US-PGPUB; USPAT | OR | ON | 2005/10/10 11:42 |
| S43 | 5 | (exponential\$6 with amplifi\$6) with ((semiconduct\$6 with optic\$6 with amplifier) SOA) | US-PGPUB; USPAT | OR | ON | 2005/10/10 13:31 |
| S44 | 2 | ("6456424").URPN. | USPAT | OR | OFF | 2005/10/10 13:06 |
| S45 | 0 | ("6856450").URPN. | USPAT | OR | OFF | 2005/10/10 13:08 |
| S46 | 37 | (parametric\$6) with ((semiconduct\$6 with optic\$6 with amplifier) SOA) | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:09 |
| S47 | 1 | ("6665113").URPN. | USPAT | OR | OFF | 2005/10/10 14:23 |
| S48 | 8 | (parametric\$6) with loop\$6 with mirror | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:00 |
| S49 | 1 | "6501591".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:00 |
| S50 | 3 | ("6501591").URPN. | USPAT | OR | OFF | 2005/10/11 11:02 |
| S51 | 2 | mooney.xa. and loop with mirror | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:45 |
| S52 | 85 | ((loop with mirror) NLORM NOLM) with ((semiconduct\$6 with optic\$6 with amplifier) SOA) | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:10 |
| S53 | 4 | ((loop with mirror) NLORM NOLM) with ((semiconduct\$6 with optic\$6 with amplifier) SOA) and parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:28 |
| S54 | 122 | ((loop with mirror) NLORM NOLM) (parametric\$6 with amplifi\$6)) with ((semiconduct\$6 with optic\$6 with amplifier) SOA) | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:18 |
| S55 | 148 | ((loop with mirror) NLORM NOLM) (parametric\$6 with amplifi\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:04 |
| S56 | 82 | ((loop with mirror) NLORM NOLM) (parametric\$6 with amplifi\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and ((continu\$6 with wave\$6) CW) | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:19 |
| S57 | 23 | ((loop with mirror) NLORM NOLM) (parametric\$6 with amplifi\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and ((continu\$6 with wave\$6) CW) and (NRZ RZ) | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:43 |

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| S58 | 4 | ((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and ((continu\$6 with wave\$6) CW) and (NRZ RZ) and (saturat\$6 with amplif\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:55 |
| S59 | 0 | ((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and ((continu\$6 with wave\$6) CW) and (NRZ RZ) and (unsaturat\$6 with amplif\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:44 |
| S60 | 1 | "20020044723" and saturable with absorption with device | US-PGPUB; USPAT | OR | ON | 2005/10/11 11:55 |
| S61 | 0 | ((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and (parametric\$6 with absorb\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:05 |
| S62 | 1 | ((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and (parametric\$6 same absorb\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:05 |
| S63 | 10 | erbium with fiber with ring with laser and parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:18 |
| S64 | 0 | erbium with fiber with ring with laser same parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:18 |
| S65 | 2 | ((loop with mirror) NLOLM NOLM) with ((semiconduct\$6 with optic\$6 with amplifier) SOA) and parametric\$6 and saturat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:28 |
| S66 | 185 | SOA with EDFA | US-PGPUB; USPAT | OR | ON | 2005/10/11 12:50 |
| S67 | 1 | "6462860".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/11 13:40 |
| S68 | 13 | (bigo.in. lelcerc.in. desurvire.in.) and (loop with mirror) | US-PGPUB; USPAT | OR | ON | 2005/10/11 13:58 |
| S69 | 0 | ("6441939").URPN. | USPAT | OR | OFF | 2005/10/11 13:43 |
| S70 | 0 | ("6441939").URPN. | USPAT | OR | OFF | 2005/10/11 13:46 |
| S71 | 0 | ("6441939").URPN. | USPAT | OR | OFF | 2005/10/11 13:47 |
| S72 | 4 | ("6239893").URPN. | USPAT | OR | OFF | 2005/10/11 13:49 |
| S73 | 0 | ("6671426").URPN. | USPAT | OR | OFF | 2005/10/11 13:54 |
| S74 | 0 | ("6568597").URPN. | USPAT | OR | OFF | 2005/10/11 13:55 |
| S75 | 5 | ("6201621").URPN. | USPAT | OR | OFF | 2005/10/11 13:57 |

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| S76 | 0 | ("6950612").URPN. | USPAT | OR | OFF | 2005/10/11 13:56 |
| S77 | 0 | ("6201621").URPN. and parametric\$6 | USPAT | OR | ON | 2005/10/11 13:57 |
| S78 | 0 | (bigo.in. lelcerc.in. desurvire.in.) and (loop with mirror) and parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/11 13:58 |
| S79 | 1 | ("6160650").URPN. | USPAT | OR | OFF | 2005/10/11 14:00 |
| S80 | 1 | ("6341022").URPN. | USPAT | OR | OFF | 2005/10/11 14:15 |
| S81 | 5578 | clock with input with (signal data) and optic\$6 with fiber | US-PGPUB; USPAT | OR | ON | 2005/10/11 14:17 |
| S82 | 3327 | clock with input with (data) and optic\$6 with fiber | US-PGPUB; USPAT | OR | ON | 2005/10/11 14:16 |
| S83 | 959 | clock with input adj1 (data) and optic\$6 with fiber | US-PGPUB; USPAT | OR | ON | 2005/10/11 14:17 |
| S84 | 294 | clock with input adj1 (data) and optic\$6 with fiber and ("2003" "2004" "2005") | US-PGPUB; USPAT | OR | ON | 2005/10/11 14:17 |
| S85 | 713 | clock with input with (signal data) and ("385"/\$.ccls. "359"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:11 |
| S86 | 181 | clock with input with (signal data) and ("385"/\$.ccls. "359"/\$.ccls.) and ("2003" "2004" "2005") | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:11 |
| S87 | 312 | clock with input with (data) and ("385"/\$.ccls. "359"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:12 |
| S88 | 92 | clock with input with (data) and ("385"/\$.ccls. "359"/\$.ccls.) and ("2003" "2004" "2005") | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:20 |
| S89 | 22 | gain with clamp\$5 with saturat\$6 with SOA | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:39 |
| S90 | 1 | "6501591".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:52 |
| S91 | 174 | DSF with amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:42 |
| S92 | 117 | DSF with amplif\$6 and ("385"/\$.ccls. "359"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:45 |
| S93 | 1 | DSF with amplif\$6 and ("385"/\$.ccls. "359"/\$.ccls.) and (DSF with (saturat\$6 unsaturat\$6)) | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:46 |
| S94 | 0 | DSF with amplif\$6 and ("385"/\$.ccls. "359"/\$.ccls.) and ((dispers\$6 with shift\$5 with fiber) with (saturat\$6 unsaturat\$6)) | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:47 |
| S95 | 1 | ((dispers\$6 with shift\$5 with fiber) with (saturat\$6 unsaturat\$6)) | US-PGPUB; USPAT | OR | ON | 2005/10/11 15:48 |
| S96 | 1 | "6501591".pn. and (continu\$6 CW) | US-PGPUB; USPAT | OR | ON | 2005/10/11 16:04 |

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| S97 | 38 | Kumar.in. and "1136" | US-PGPUB; USPAT | OR | ON | 2005/10/11 16:04 |
| S98 | 3 | ("6501591").URPN. | USPAT | OR | OFF | 2005/10/11 16:21 |
| S99 | 2 | ("6501591").URPN. and (continu\$6 CW) | USPAT | OR | OFF | 2005/10/11 16:21 |
| S10 0 | 0 | ("6897434").URPN. | USPAT | OR | OFF | 2005/10/11 16:29 |
| S10 1 | 0 | ("6701049").URPN. | USPAT | OR | OFF | 2005/10/12 09:46 |
| S10 2 | 1 | "20020176152" | US-PGPUB; USPAT | OR | ON | 2005/10/12 09:48 |
| S10 3 | 1 | "20020176152" and "40" same saturat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 09:48 |
| S10 4 | 0 | "20020176152" and "40" same unsaturat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 09:48 |
| S10 5 | 2 | ("2002/0176152").URPN. | USPAT | OR | OFF | 2005/10/12 09:51 |
| S10 6 | 2 | ("2002/0176152").URPN. and (parametr\$6 saturat\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/12 09:52 |
| S10 7 | 0 | ("6867903").URPN. | USPAT | OR | OFF | 2005/10/12 09:57 |
| S10 8 | 3 | ("20020176152" "5619368" "6487004").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/12 09:57 |
| S10 9 | 1 | ("6487004").URPN. | USPAT | OR | OFF | 2005/10/12 09:58 |
| S11 0 | 20 | ("5619368").URPN. | USPAT | OR | OFF | 2005/10/12 10:06 |
| S11 1 | 0 | "6952309".pn. and saturat\$6 | USPAT | OR | ON | 2005/10/12 10:05 |
| S11 2 | 7 | ("5619368").URPN. and saturat\$6 | USPAT | OR | OFF | 2005/10/12 10:06 |
| S11 3 | 9 | ("6347174").URPN. | USPAT | OR | OFF | 2005/10/12 10:41 |
| S11 4 | 4 | ("6661958").URPN. | USPAT | OR | OFF | 2005/10/12 10:43 |
| S11 5 | 12 | ("20030123826" "20030133678" "20040033041" "5838867" "6181858" "6415089" "6470126" "6546177" "6591048" "6614976" "6658190" "6661958").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/12 10:46 |
| S11 6 | 1 | ("6856744").URPN. | USPAT | OR | OFF | 2005/10/12 10:46 |
| S11 7 | 1 | ("6621619").URPN. | USPAT | OR | OFF | 2005/10/12 10:48 |

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| S118 | 7 | ("6470126").URPN. | USPAT | OR | OFF | 2005/10/12 10:50 |
| S119 | 0 | ("6859599").URPN. | USPAT | OR | OFF | 2005/10/12 10:51 |
| S120 | 1 | ("6763168").URPN. | USPAT | OR | OFF | 2005/10/12 10:54 |
| S121 | 2 | ("6317252").URPN. | USPAT | OR | OFF | 2005/10/12 10:55 |
| S122 | 7 | ("6259552").URPN. | USPAT | OR | OFF | 2005/10/12 11:07 |
| S123 | 1 | "5911015".pn. | USPAT | OR | OFF | 2005/10/12 12:09 |
| S124 | 8 | "in-line" adj1 amplif\$6 with saturat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 11:10 |
| S125 | 8 | "in-line" adj1 amplif\$6 with saturat\$6 and optic\$6 with fiber | US-PGPUB; USPAT | OR | ON | 2005/10/12 11:10 |
| S126 | 2 | ("6671466").URPN. | USPAT | OR | OFF | 2005/10/12 11:44 |
| S127 | 8 | (NOLM (loop with mirror)) with parametric | US-PGPUB; USPAT | OR | ON | 2005/10/12 11:48 |
| S128 | 1 | "5911015".pn. and (contin\$6 CW) | USPAT | OR | OFF | 2005/10/12 12:09 |
| S129 | 1 | "5911015".pn. and (contin\$6 CW) | USPAT | OR | ON | 2005/10/12 12:50 |
| S130 | 29 | kumar.in. and agrawal.in. | US-PGPUB; USPAT | OR | ON | 2005/10/12 12:58 |
| S131 | 0 | kumar.in. and (agrawal.in. agarawal.in.) and wang.in. and su.in. | US-PGPUB; USPAT | OR | ON | 2005/10/12 12:52 |
| S132 | 0 | kumar.in. and (agrawal.in. agarawal.in.) and wang.in. | US-PGPUB; USPAT | OR | ON | 2005/10/12 12:52 |
| S133 | 29 | kumar.in. and (agrawal.in. agarawal.in.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 12:52 |
| S134 | 0 | kumar.in. and FWM and ASE and PM and PMD | US-PGPUB; USPAT | OR | ON | 2005/10/12 12:59 |
| S135 | 0 | kumar.in. and FWM and ASE | US-PGPUB; USPAT | OR | ON | 2005/10/12 12:59 |
| S136 | 6 | kumar.in. and FWM | US-PGPUB; USPAT | OR | ON | 2005/10/12 13:39 |
| S137 | 52 | (regenerat\$6 with (bit with rate (BER))) and (regenerat\$6 same (NRZ RZ)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:24 |
| S138 | 85 | SOA with saturat\$6 with amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:32 |
| S139 | 0 | AMZI with parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:33 |

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| S14 0 | 0 | MZI with parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:33 |
| S14 1 | 9 | Mach with Zehnder with parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:31 |
| S14 2 | 1 | "6867903".pn. and parametric\$6 same amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:39 |
| S14 3 | 0 | "6636318".pn. and parametric\$6 same amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:39 |
| S14 4 | 0 | "6636318".pn. and parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:43 |
| S14 5 | 0 | "6636318".pn. and saturat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:42 |
| S14 6 | 0 | "6636318".pn. and satura\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:42 |
| S14 7 | 0 | "6636318".pn. and parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:43 |
| S14 8 | 1 | ("6636318").URPN. | USPAT | OR | OFF | 2005/10/12 16:34 |
| S14 9 | 0 | MZI with limit\$6 near2 amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:35 |
| S15 0 | 0 | \$2MZI with limit\$6 near2 amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:35 |
| S15 1 | 0 | ("6943925").URPN. | USPAT | OR | OFF | 2005/10/12 16:46 |
| S15 2 | 3 | ("6614582").URPN. | USPAT | OR | OFF | 2005/10/12 18:46 |
| S15 3 | 48 | ((high\$4 with nonlinear\$4) HNL) with ((dispersion with fiber) DSF) with amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:33 |
| S15 4 | 1 | "6813447".pn. and idl\$6 with wave\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:36 |
| S15 5 | 1 | "6813447".pn. and idl\$6 with wave\$6 and cavit\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:37 |
| S15 6 | 1 | "6813447".pn. and idl\$6 with wave\$6 and cavit\$6 and (ring\$4 with laser) | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:44 |
| S15 7 | 0 | "6813447".pn. and idl\$6 with wave\$6 and cavit\$6 and (ring\$4 with laser) and nrz | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:44 |
| S15 8 | 1 | "6813447".pn. and idl\$6 with wave\$6 and cavit\$6 and (ring\$4 with laser) and rz | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:46 |
| S15 9 | 0 | "6813447".urpn. | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:46 |
| S16 0 | 1 | "20020176152" | US-PGPUB; USPAT | OR | ON | 2005/10/12 18:46 |

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| S16 1 | 1 | "20020176152" and nrz | US-PGPUB; USPAT | OR | ON | 2005/10/12 18:49 |
| S16 2 | 1 | "20020176152" and nrz and (saturat\$6 unsaturat\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/12 18:50 |
| S16 3 | 0 | "20020176152" and nrz and (saturat\$6 unsaturat\$6) and parametric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 18:51 |
| S16 4 | 1 | "20020176152" and nrz and (saturat\$6 unsaturat\$6) and paramet\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 18:53 |
| S16 5 | 1 | "20020176152" and nrz and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 18:54 |
| S16 6 | 0 | "20020176152" and (nrz same input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 18:55 |
| S16 7 | 1 | "20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same amplif\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 19:06 |
| S16 8 | 1 | "20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same (slalom\$6 soa) | US-PGPUB; USPAT | OR | ON | 2005/10/12 19:12 |
| S16 9 | 1 | "20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same (slalom\$6 soa) and SMZ | US-PGPUB; USPAT | OR | ON | 2005/10/12 19:23 |
| S17 0 | 1 | "20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same (slalom\$6 soa) and SMZ and regenerat\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/12 19:23 |